



# 2007 CENSUS OF AGRICULTURE

## 2009 Michigan Census of Horticultural Specialties

The Census of Agriculture is the leading source of facts and figures about American agriculture. Conducted every five years, the Census provides a detailed picture of U.S. farms and ranches and the people who operate them. It is the only source of uniform, comprehensive agricultural data for every state and county in the United States.

This publication highlights horticulture operations in Michigan from data collected from the 1998 and 2009 Census of Horticulture Specialties.

The 2009 Census of Horticulture counted 21,585 operations in the United States with sales of \$10,000 or more in horticultural specialty crops, a decrease of 2,173 operations since the 1998 Census of Horticulture. Sales of horticultural crops only increased by 10 percent over this period, compared to a 60 percent increase for all crop commodities<sup>1</sup>.

Categories where sales increased include annual bedding/garden plants, potted flowering plants, herbaceous perennial plants, propagative materials, food crops grown under protection, foliage plants, transplants for commercial vegetable production, and cut Christmas trees. Categories with a decrease in sales include nursery stock, sod, sprigs or plugs, and cut flowers.

	2009 Value of Sales	1998 Value of Sales	% Change
<b>All Horticultural Crops</b>	\$566.8 million	(D)	----
<b>Nursery Stock</b>	\$88.4 million	\$106 million	-16.6
<b>Annual Bedding/Garden Plants</b>	\$211.2 million	\$154 million	+142.6
<b>Sod, Sprigs or Plugs</b>	\$14.0 million	\$19.0 million	-26.3
<b>Potted Flowering Plants</b>	\$33.6 million	\$32.8 million	+2.4
<b>Herbaceous Perennial Plants</b>	\$80.4 million	\$53.1 million	+51.4
<b>Propagative Materials</b>	\$91.0 million	\$52.3 million	+74.0
<b>Food Crops Grown Under Protection</b>	\$1.07 million	\$0.8 million	+33.8
<b>Foliage Plants</b>	\$9.4 million	\$4.0 million	+135.6
<b>Cut Flowers</b>	\$10.1 million	\$10.9 million	-7.3
<b>Transplants for Commercial Vegetable Production</b>	\$2.2 million	\$1.8 million	+2.2
<b>Cut Christmas Trees</b>	\$20.8 million	\$19.3 million	+7.8

(D) - Withheld to avoid disclosing data for individual operations.

<sup>1</sup>U.S. Department of Agriculture, Economic Research Service. *Farm Income and Balance Sheets, 1929-2011*.

U.S. Department of Agriculture

National Agricultural Statistics Service



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**Michigan Ranked #1 in the country for the following horticulture commodities:**

- Begonias - Baskets
- Easter Lilies - Pots
- Geraniums - Cuttings
- Geraniums – Seeds and Cuttings
- Hostas
- Impatiens – Baskets
- Impatiens - Flats
- New Guinea Impatiens - Baskets
- Petunias -Baskets

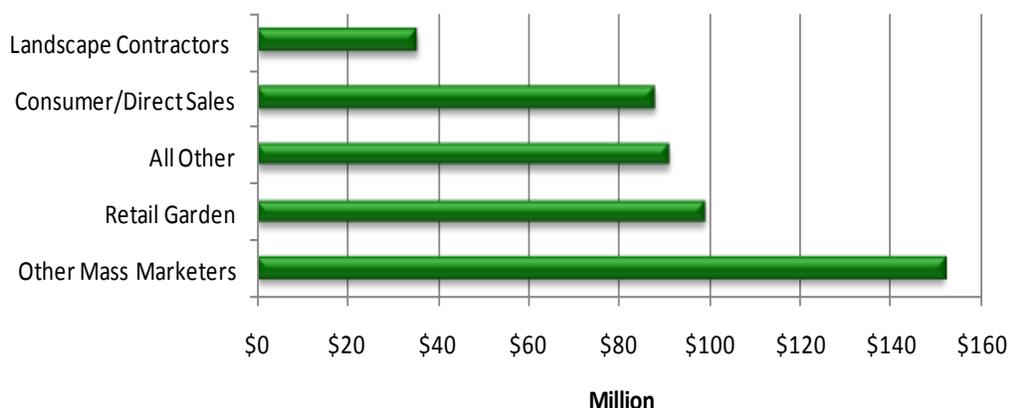
### Expenses

Michigan's total expense for horticulture specialty operations was \$503.5 million. The single largest expense for horticultural specialty operations is hired labor, which includes salaries paid to hired workers, as well as benefits

for workers. Horticultural operations in Michigan employed 14,991 hired workers in 2009. Michigan's second largest expense, which was for seeds, plants, vines and trees made up 21.6 percent of the total expenses. Other significant production expenses included the expense for containers, gasoline, fuels, and oils.

Top 5 Michigan Horticulture Production Expenses	Total Cost (\$1,000)	% of Total Expenses
Total Hired Labor Expense	\$163,271	32.4
Seeds, Plants, Vines, Trees, Etc.	\$108,531	21.6
All Other Production Expenses	\$41,864	8.3
Total Containers Expense	\$35,331	7.0
Gasoline, Fuels and Oils Purchased	\$28,332	5.6

### Value of Horticulture Sales in Michigan by Marketing Channel



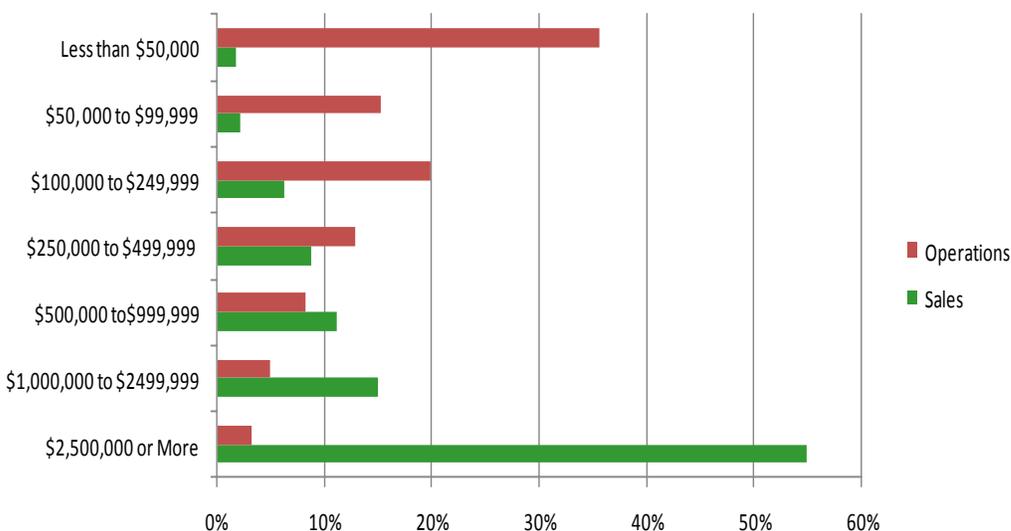
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### Sales by Size of Operation

The majority of all sales of horticultural products, including wholesale and retail sales, are from the largest operations, those with \$2,500,000 or more in annual sales. While comprising only 3.2 percent of the total number of Michigan operations selling horticultural products, they produce 55 percent of all horticultural products sold.

**Michigan Percent of Industry Total**



### ***Top 5 Michigan Nursery Stock Categories:***

- 1. Coniferous Evergreens**
- 2. Deciduous Shrubs**
- 3. Fruit and Nut Plants**
- 4. Broadleaf Evergreens**
- 5. Deciduous Shade Trees**

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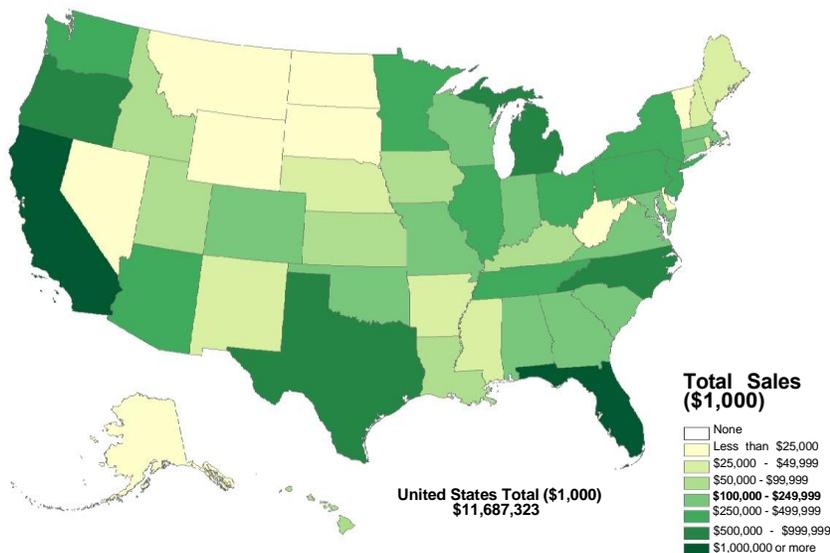
### Geography of Horticulture Production - Top States

California was the largest producer of horticultural crops in terms of sales, with over \$2.3 billion in sales in 2009. This was almost twice as much as the next largest state, Florida, which had sales of \$1.3 billion. The Census of Horticulture provides information about sales both at the wholesale and retail levels.

To the right are the top 5 Michigan Counties by Wholesale, and Retail Sales. These top five counties account for just over fifty percent of the sales for the entire state.

Top 5 States by Wholesale Sales	Sales	Top 5 States by Retail Sales	Sales
California	\$2.0 billion	California	\$235 million
Florida	\$1.2 billion	Michigan	\$108 million
Oregon	\$791 million	Minnesota	\$97 million
Texas	\$533 million	Pennsylvania	\$88 million
Michigan	\$459 million	Texas	\$87 million

Horticultural Specialty Crops  
2009 Total Sales



### Top 5 Horticulture Counties by Wholesale and Retail Sales in Michigan\*

	2007	2002	Change
Ottawa	129,335	113,197	+14.3%
Kalamazoo	89,960	85,475	+5.2
Kent	63,647	65,644	-3%
Allegan	54,343	65,217	-16.7%
Macomb	27,159	23,639	+14.9%

\*Source: 2007 U.S. Census of Agriculture

### For More Information

Access the complete results of the 2009 Census of Horticultural Specialties online. Results include detailed national and state-level data for specific sectors of the horticulture industry and individual species of horticultural crops as well as information on the amount and type of containers sold of each species and sales value at both the wholesale and retail level.

[www.nass.usda.gov](http://www.nass.usda.gov)

[www.agcensus.usda.gov](http://www.agcensus.usda.gov)

Agricultural Statistics Hotline  
(800) 727-9540

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